Date of meeting: 2022-09-27
Time: 7:30pm - 8:30pm

Note taker: Cynthia

Agenda:
- Discuss interesting datasets we can use and what questions can be answered
- Discuss what goals to achieve for each milestone (3-4 milestones)

Exploring data sets

1. Employee compensation in SF (vote: Sung Hyun, Tevan, Cynthia)
    a. https://data.world/data-society/employee-compensation-in-sf
    b. What's the correlation between salary and department or industry of work
    c. What's the correlation between benefits and total compensation
    d. Note: not specific to software engineering, but still interesting and relevant as SF is a tech hub

2. Uber Request Data (vote: Tevan)
    a. https://www.kaggle.com/datasets/vatsalraicha/uber-request-data
    b. What's a good time to plan a trip?
    c. Where's a good area to book an Uber?

3. Online Influence Marketing (vote: Sung Hyun, Tevan)
    a. https://data.world/ahalps/online-influencer-marketing/workspace/file?filename=Whatsgoodly+-+Thought+Catalog+Influencers.csv
    b. Whats difference between female and male in dealing with an influencer that is selling a product
    c. Which social platform has influenced your online shopping most?

4. College majors (vote: Cynthia)
    a. https://data.world/fivethirtyeight/college-majors
    b. What's the correlation between selected college major and unemployment rate

Milestone breakdown

Milestone 1:
- importing data into database
- connecting server to database
- basic operations on data - get columns, get data conditionally, etc

Milestone 2:
- design format of data to give to frontend (based on question to be answered)
- generating data results for questions (purely on backend)
- if necessary - include sqlite into docker setup

Milestone 3:
- Make website pretty (using templates from modern libraries)
- Generate graphs/charts with animations
- connect backend to front-end
- submit assignment

Todos:

Tevan
- Ask prof for dataset advice based on our voting

Cynthia & Sung Hyun
- Setup SQLite database
- (After choice for dataset is finalized based on advice from prof) import data into database